

[CRANKSHAFT FOR AN INTERNAL COMBUSTION ENGINE DISPOSED IN A MOTOR VEHICLE]

Abstract of Disclosure

The invention relates to a crankshaft bearing for a motor vehicle, in which a crankshaft 1 produced from ADI (austempered ductile iron, DIN EN 1564) is supported on an engine block 2 produced from aluminum without the interposition of other components. There is very little difference between the thermal expansion coefficients between ADI and aluminum materials, ensuring that the bearing operates reliably even when there are fluctuations in temperature.